Get features from temporal wave equation

- If $y = A\sin(Bt) + D$ then
  - amplitude $= |A|$
  - angular frequency $= B$
  - frequency $= \frac{B}{2\pi}$
  - period $= \frac{2\pi}{B}$
  - offset $= D$, so midline is at $y = D$
  - If $A > 0$ then at $t = 0$ the wave is at midline and increasing
  - If $A < 0$ then at $t = 0$ the wave is at midline and decreasing
- If $y = A\cos(Bt) + D$ then
  - amplitude $= |A|$
  - angular frequency $= B$
  - frequency $= \frac{B}{2\pi}$
  - period $= \frac{2\pi}{B}$
  - offset $= D$, so midline is at $y = D$
  - If $A > 0$ then at $t = 0$ the wave is at maximum
  - If $A < 0$ then at $t = 0$ the wave is at minimum